

Listing of Claims

1. (currently amended) A method for the treating ~~removal or reduction of~~ seborrheic keratoses comprising:
 - (a) obtaining a composition comprising hydrogen peroxide in a concentration of at least about 23 percent; and
 - (b) applying said composition to a seborrheic keratosis on a seborrheic keratoses afflicted person or domesticated animal.
2. (original) The method of claim 1, wherein the concentration of hydrogen peroxide is from about 35 percent to about 60 percent.
3. (original) The method of claim 2, wherein the concentration of hydrogen peroxide is from 60 percent to about 80 percent.
4. (original) The method of claim 3, wherein the concentration of hydrogen peroxide is from about 40 percent to about 50 percent.
5. (original) The method of claim 4, wherein the concentration of hydrogen peroxide is from about 43 percent to about 48 percent.
6. (original) The method of claim 1, wherein the composition further comprises at least one vitamin.
7. (original) The claim 6, wherein the vitamin may be selected from the group consisting of ascorbic acid, niacin, thiamin, and riboflavin.
8. (original) The method of claim 7, wherein the vitamin is L-ascorbic acid.

9. (original) The method of claim 1, wherein the composition further comprises at least one amino acid.
10. (original) The method of claim 9, wherein the amino acid is selected from the group consisting of tyrosine, phenylalanine, carnitine, arginine, glycine, alanine, valine, leucine, isoleucine, serine, threonine, cysteine, cystine, methionine, asparagine, glutamine, lysine, 5-hydroxylysine, histidine, tryptophan, proline, ornithine, and carnosine.
11. (original) The method of claim 10, wherein the amino acid is L-carnitine.
12. (original) The method of claim 1, wherein the composition further comprises at least one melanin inhibitor.
13. (original) The method of claim 12, wherein the melanin inhibitor is selected from the group consisting of hydroquinone, niacinimide, cinnamic acid, gamma-L-glutamyl-L-cystine, gamma-L-cysteine, oxidized glutathione, phenol, polyphenol, linoleic acid, ellagic acid, glycyrrhizic acid, alkylsalicylic acid, kojic acid, kojic acid glycosides, kojic acid succinimide ester, kojic acid dimer, thiazoles, propionic acid, sulphur, kudzu root, lavanol, caffeic acid, dicaffeoylquinic acid, tricaffeoylquinic acid, vitamin K, hydantoin, tranexamic acid, chromone derivative, indomethacin methacin, erthorbic acid, glucoside, conchiolin hydrolyzate, licorice root extract, logwood extract, gromwell seed extract, arbutin, chitosan, superoxide dismutase, melanostatin, S-lactoyl glutathione, and hydroquinone glycoside.
14. (original) The method of claim 13, wherein the melanin inhibitor is kojic acid.
15. (original) The method of claim 1, wherein the composition further comprises at least one organic acid.

16. (original) The method of claim 15, wherein the organic acid is selected from the group consisting of lactic acid, citric acid, isocitric acid, glycolic acid, malic acid, tartronic acid, tartaric acid, glucuronic acid, pyruvic acid, acetyl pyruvic acid, β -fluoropyruvic acid, 2-hydroxy isobutyric acid, galacturonic acid, salicylic acid, succinic acid, mandelic acid, β -phenyllactic acid, saccharic acid, β -phenylpyruvic acid, α -hydroxybutyric acid, α -hydroxyisobutyric acid, mucic acid, atrolactic acid, glucoheptonic acid, gluconic acid, glyceric acid, quinic acid, glyceruric acid, threuric acid, erythreuric acid, xyluric acid, lyxuric acid, arabinuric acid, riburic acid, iduric acid, guluric acid, mannuric acid, altruric acid, alluric acid, taluric acid, xylaric acid, lyxaric acid, trihydroxybutanoic acid, pentahydroxyhexanoic acid, and hexahydroxyheptanoic acid.
17. (original) The method of claim 16, wherein the organic acid is L-lactic acid.
18. (original) The method of claim 1, wherein the composition further comprises at least one hormone.
19. (original) The method of claim 18, wherein the hormone is selected from the group consisting of dehydroepiandrosterone, progesterone, estrogen, melatonin, testosterone, pregnenolone, thyroid hormone, thymus hormone, and human growth hormone.
20. (original) The method of claim 19, wherein the hormone is melatonin.
21. (original) The method of claim 1, wherein the composition further comprises at least one sulfoxide.
22. (currently amended) The method of claim 21, wherein the sulfoxide is selected from the group consisting of dimethylsulfoxide, ~~methyl~~ ~~sulfonyl~~ ~~methane~~ and decylmethylsulfoxide.
23. (original) The method of claim 22, wherein the sulfoxide is dimethylsulfoxide.

24. (original) The method of claim 1, wherein the composition further comprises at least one alcohol.
25. (original) The method of claim 24, wherein the alcohol is selected from the group consisting of ethanol, propanol, butanol, pentanol, hexanol, octanol, nonanol, decanol, 2-butanol, 2-pentanol, and benzyl alcohol.
26. (original) The method of claim 25, wherein the alcohol is ethanol.
27. (original) The method of claim 1, wherein the composition comprises at least one fatty acid.
28. (original) The method of claim 27, wherein the fatty acid is selected from the group consisting of valeric acid, heptanoic acid, pelagonic acid, caproic acid, capric acid, lauric acid, myristic acid, stearic acid, oleic acid and caprylic acid.
29. (original) The method of claim 28, wherein the fatty acid is myristic acid.
30. (original) The method of claim 1, wherein the composition further comprises at least one fatty acid ester.
31. (original) The method of claim 30, wherein the fatty acid ester is selected from the group consisting of isopropyl myristate, isopropyl palmitate, octyldodecyl myristate, ethyl acetate, butyl acetate, methyl acetate, methylvalerate, methylpropionate, diethyl sebacate, ethyl oleate.
32. (original) The method of claim 31, wherein said fatty acid ester is isopropyl palmitate.
33. (original) The method of claim 1, wherein the applying step is by brush, dropper, atomizer, injector, sprayer, occlusive patch or pipette.

34. (original) The method of claim 1, wherein the composition further comprises at least one polyol.
35. (original) The method of claim 34, wherein the polyol is selected from the group consisting of propylene glycol, polyethylene glycol, ethylene glycol, diethylene glycol, triethylene glycol, dipropylene glycol and glycerol.
36. (original) The method of claim 34, wherein the polyol is propylene glycol.
37. (original) The method of claim 1, wherein the composition further comprises at least one amide.
38. (original) The method of claim 38, wherein the amide is selected from the group consisting of urea, dimethylacetamide, diethyltoluamide, dimethylformamide, dimethyloctamide, dimethyldecamide, hexamethylenelauramide, diethanolamine, and triethanolamine.
39. (original) The method of claim 38, wherein the amide is dimethylformamide.
40. (original) The method of claim 1, wherein the concentration of hydrogen peroxide is at least 40 percent.
41. (original) The method of claim 1, wherein the composition further comprises at least one surfactant.
42. (original) The method of claim 41, wherein the surfactant is selected from the group consisting of sodium laurate, sodium lauryl sulphate, cetyltrimethyl ammonium bromide, tetradecyltrimethylammonium bromide, benzalkonium chloride, octadecyltrimethylammonium chloride, cetylpyridinium chloride, dodecyltrimethylammonium chloride, hexadecyltrimethylammonium chloride,

Poloxamer (231, 182, 184), Brij (30, 93, 96,99), Span (20, 40, 60, 80), Myrj (45, 51, 52), Miglyol 840, sodium cholate, sodium salts of taurocholic, glycolic, desoxycholic acids and lecithin.

43. (original) The method of claim 42, wherein the surfactant is lecithin.
44. (original) The method of claim 1, wherein the composition further comprises at least one terpene.
45. (original) The method of claim 44, wherein the terpene is selected from the group consisting of D-limonene, α -pinene, β -carene, α -terpineol, terpinen-4-ol, carvol, carvone, pulegone, piperitone, menthone, cyclohexene oxide, limonene oxide, α -pinene oxide, cyclopentene oxide, 1,8-cineole, ylang ylang, anise, chenopodium and eucalyptus.
46. (original) The method of claim 45, wherein the terpene is cyclohexene oxide.
47. (original) The method of claim 1, wherein the composition further comprises at least one alkanone.
48. (original) The method of claim 47, wherein the alkanone is selected from the group consisting of *N*-heptane, *N*-octane, *N*-nonane, *N*-decane, *N*-undecane, *N*-dodecane, *N*-tridecane, *N*-tetradecane, and *N*-hexadecane.
49. (original) The method of claim 48, wherein the alkanone is *N*-octane.
50. (original) The method of claim 1, wherein the composition further comprises at least one gamma linolenic precursor.

51. (original) The method of claim 50, wherein the gamma linolenic acid precursor is selected from the group consisting of borage oil, black currant oil, and evening primrose oil.
52. (original) A method for the removal of a seborrheic keratosis or seborrheic keratoses comprising:
- (a) obtaining a composition comprising hydrogen peroxide in a concentration of at least 23 percent and at least one compound selected from a vitamin, an amino acid, a melanin inhibitor, an organic acid, a hormone, a sulfoxide, an alcohol, a fatty acid, a fatty acid ester, a polyol, an amide, a surfactant, a terpene, an alkanone, aloe vera, and a gamma linolenic precursor; and
 - (b) applying said composition to a seborrheic keratosis or seborrheic keratoses on a seborrheic keratosis or seborrheic keratoses afflicted person.
53. (original) The method of claim 52, wherein the composition comprises about 26 percent hydrogen peroxide, about 2 percent kojic acid, about 12 percent dimethylsulfoxide, about 0.5 percent melatonin, about 1 percent L-ascorbic acid and about 15 percent ethanol.
54. (original) The method of claim 52, wherein the composition comprises about 47 percent hydrogen peroxide, about 14 percent lactic acid, about 2 percent niacin, about 2 percent testosterone, about 1 percent licorice root extract, and about 0.5 percent β -phenylpyruvic acid.
55. (original) The method of claim 52, wherein the composition comprises about 23 percent hydrogen peroxide, about 2 percent L-tyrosine, about 2 percent phenylalanine, about 1 percent tricaffeoylquinic acid, and about 18 percent ethanol.
56. (canceled).
57. (currently amended) The method of claim 52, wherein the composition comprises about 35 percent hydrogen peroxide and about 35 percent ~~dimethylsulfoxide~~ dimethylsulfoxide.

58. (original) The method of claim 52, wherein the composition comprises about 35 percent hydrogen peroxide, about 0.5 percent L-ascorbic acid, about 0.5 percent niacin, about 0.5 percent glycine, about 0.5 percent hydroquinone, about 0.5 percent superoxide dismutase, about 5 percent galacturonic acid and about 14 percent ethanol.
59. (original) The method of claim 52, wherein the composition comprises about 60 percent hydrogen peroxide and about 6 percent decylmethylsulfoxide.
60. (original) The method of claim 52, wherein the composition comprises kojic acid, dimethylsulfoxide, melatonin, L-ascorbic acid and ethanol.
61. (original) The method of claim 52, wherein the composition comprises hydrogen peroxide, lactic acid, niacin, testosterone, licorice root extract and β -phenylpyruvic acid.
62. (original) The method of claim 52, wherein the composition comprises L-tyrosine, phenylalanine, tricafeoylquinic acid and ethanol.
63. (original) The method of claim 62, wherein the composition comprises about 23 percent hydrogen peroxide, about 2 percent phenylalanine, about 1 percent tricafeoylquinic acid and about 18 percent ethanol.
64. (currently amended) The method of claim 52, wherein the composition comprises hydrogen peroxide, lactic acid, salicylic acid, citric acid, glycolic acid, and ethanol.
65. (original) The method of claim 64, wherein the composition comprises about 23 percent hydrogen peroxide, about 4 percent lactic acid, about 4 percent glycolic acid, about 4 percent salicylic acid, about 4 percent citric acid and about 20 percent ethanol.
66. (original) The method of claim 52, wherein the composition comprises dimethylsulfoxide.

67. (canceled).
68. (currently amended) The method of claim 52, wherein the composition comprises L-ascorbic acid, niacin, glycine, hydroquinone, superoxide dismutase, galacturonic acid and ~~about 14 percent~~ ethanol.
69. (original) The method of claim 68, wherein the composition comprises about 35 percent hydrogen peroxide, about 0.5 percent L-ascorbic acid, about 0.5 percent glycine, about 0.5 percent hydroquinone, about 0.5 percent superoxide dismutase, about 5 percent galacturonic acid and about 14 percent alcohol.
70. (original) The method of claim 52, wherein the composition comprises decylmethylsulfoxide.
71. (original) The method of claim 70, wherein the composition comprises about 60 percent hydrogen peroxide and about 6 percent decylmethylsulfoxide.
72. (original) The method of claim 1, wherein the composition further comprises aloe vera.
73. (original) A method for the removal or reduction of a skin condition comprising:
- (a) obtaining a composition comprising a pharmaceutically acceptable peroxide in a concentration of at least about 23 percent; and
 - (b) applying said composition to a skin condition of an afflicted person or animal, wherein the skin condition is selected from the group consisting of seborrheic keratosis, condyloma accuminatum, corns, fibroepithelial polyps, prurigo nodularis, inverted follicular keratosis, warts, warty dyskeratosis, actinic keratoses, acrochordons, herpes, clear cell acanthoma, acne, rosacea, basal cell carcinoma, squamous cell carcinoma, onychomycosis, hyperpigmentation, rhytides, psoriasis and malignant melanoma.

74. (original) The method of claim 73, wherein the said peroxide is selected from the group consisting of hydrogen peroxide, benzoyl peroxide, and alloyl peroxide.
75. (original) The method of claim 73 further comprising a melanin inhibitor selected from the group consisting of kojic acid, L-arbutin, hydroquinone, and licorice root extract.
76. (original) The method of claim 73 further comprising citric acid or lactic acid.
77. (original) The method of claim 73 further comprising a melanin inhibitor selected from the group consisting of azelaic acid, bearberry extract, bilberry extract, rumex crispus, magnesium ascorbyl phosphate, ascorbyl palmitate, phytic acid, and niacinamide.
78. (currently amended) The method of claim 73 wherein said skin condition is selected from the group consisting of basal cell carcinoma, squamous cell carcinoma and ~~and~~ malignant melanoma.
79. (original) The method of claim 73 further comprising an agent selected from the group consisting of glucosamine, niacinamide, and methyl sulfonyl methane.
80. (new) The method of claim 1, wherein the concentration of hydrogen peroxide is from about 23 percent to about 60 percent.
81. (new) The method of claim 3, wherein the concentration of hydrogen peroxide is from about 35 percent to about 40 percent.
82. (new) The method of claim 1, wherein the applying step is by brush, dropper, atomizer, injector, sprayer, or pipette.

83. (new) The method of claim 73 wherein said skin condition is selected from the group consisting of condyloma accuminatum, fibroepithelial polyps, prurigo nodularis, inverted follicular keratosis, warty dyskeratosis, and clear cell acanthoma.
84. (new) The method of claim 73 wherein said skin condition is selected from the group consisting of corns, warts, actinic keratoses, seborrheic keratoses, herpes, acne, rosacea, basal cell carcinoma, squamous cell carcinoma, onychomycosis, hyperpigmentation, rhytides, psoriasis and melanoma.
85. (new) The method of claim 84, wherein the composition comprises kojic acid, dimethylsulfoxide, melatonin, L-ascobic acid and ethanol.
86. (new) The method of claim 84, wherein the composition comprises 26 percent hydrogen peroxide, 2 percent kojic acid, 12 percent dimethylsulfoxide, 0.5 percent melatonin, 1 percent L-ascobic acid and 15 percent ethanol.
87. (new) The method of claim 84, wherein the composition comprises hydrogen peroxide, lactic acid, niacin, testosterone, licorice root extract and β -phenylpyruvic acid.
88. (new) The method of claim 87, wherein the composition comprises 47 percent hydrogen peroxide, 14 percent lactic acid, 2 percent niacin, 2 percent testosterone, 1 percent licorice root extract and 0.5 percent β -phenylpyruvic acid.
89. (new) The method of claim 84, wherein the composition comprises L-tyrosine, phenylalanine, tricafeoylquinic acid and ethanol.
90. (new) The method of claim 89, wherein the composition comprises 23 percent hydrogen peroxide, 2 percent L-tyrosine, 2 percent phenylalanine, 1 percent tricafeoylquinic acid and 18 percent ethanol.

91. (new) The method of claim 84, wherein the composition comprises hydrogen peroxide, lactic acid, glycolic acid, salicylic acid, citric acid and ethanol.
92. (new) The method of claim 91, wherein the composition comprises 23 percent hydrogen peroxide, 4 percent lactic acid, 4 percent glycolic acid, 4 percent salicylic acid, 4 percent citric acid and 20 percent ethanol.
93. (new) The method of claim 84, wherein the composition comprises dimethylsulfoxide.
94. (new) The method of claim 93, wherein the composition comprises 35 percent hydrogen peroxide and 35 percent dimethylsulfoxide.
95. (new) The method of claim 84, wherein the composition comprises L-ascorbic acid, niacin, glycine, hydroquinone, superoxide dismutase, galacturonic acid and ethanol.
96. (new) The method of claim 95, wherein the composition comprises 35 percent hydrogen peroxide, 0.5 percent L-ascorbic acid, 0.5 percent niacin, 0.5 percent glycine, 0.5 percent hydroquinone, 0.5 percent superoxide dismutase, 5 percent galacturonic acid and 14 percent ethanol.
97. (new) The method of claim 84, wherein the composition comprises decylmethylsulfoxide.
98. (new) The method of claim 97, wherein the composition comprises 60 percent hydrogen peroxide and 6 percent decylmethylsulfoxide.